

Patent Abstracts of Japan

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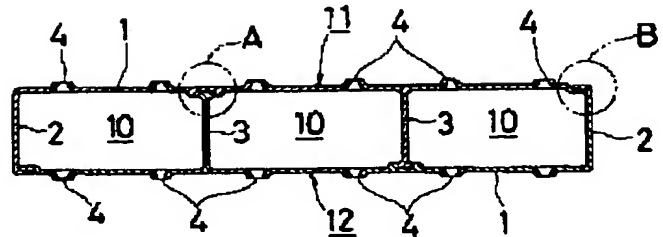
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TITLE : MANUFACTURE OF HOLLOW
SCAFFOLDING MATERIAL



ABSTRACT : PROBLEM TO BE SOLVED: To provide a means capable of forming non-slip projections on the surface and back face plate sections very easily at a low cost and capable of applying non-slip machining without troubles even if a scaffolding board is long as a manufacturing method for the hollow scaffolding material with a metal extruded shape of aluminum or its alloy.

SOLUTION: A metal hollow scaffolding material constituted of face plate sections 1, 1, side wall sections 2, 2, and partition walls 3, 3 is split into two frames 11, 12 each having one of both face plate sections 1, 1. The partition walls 3 are provided on one of the frames 11, 12, and both frames 11, 12 are formed with an extruded shape. Non-slip projections 4 are formed by burring on the face plate sections 1, both frames 11, 12 are combined into a scaffolding board shape, and their side edge sections are connected together. The apexes of the partition walls 3 provided on one frame 11 or 12 and the face plate section 1 of the other frame 11 or 12 are integrated by friction stirring connection.

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